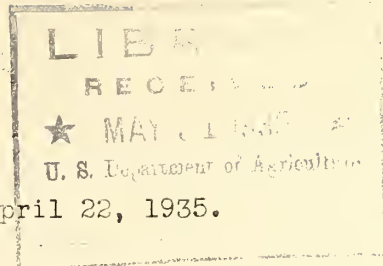


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104
UNITED STATES DEPARTMENT OF AGRICULTURE
Weather Bureau
Washington



Office of the Chief

April 22, 1935.

CIRCULAR

INSTRUCTIONS REGARDING FLIGHT OBSERVATIONS (FOB)

These instructions will become effective May 10, 1935, for the transmission by teletype and radio of observations made by air line pilots in flight. The Weather Bureau airway forecast centers will have supervision of this project and will make arrangements for securing such data within their districts. The manner in which the observations will be turned over to the Weather Bureau will be worked out with the air line operators. Some methods of securing the observations are suggested.

- (a) By personal contact where no great distance between offices is involved.
- (b) By telephone if only a few reports each day are involved.
- (c) By local teletype circuit if such circuit is not too busy.
- (d) By personal contact at another airport station where it will be transmitted as FOB traffic to forecast centers.
- (e) By relay from adjacent forecast centers.
- (f) By radio, intercepted by Bureau of Air Commerce operators and turned over to Weather Bureau Airport Stations.

The observations will be assembled by the Weather Bureau Airport Stations in the following order for transmission by teletype or radio to the airway forecast centers concerned:

Terminal from which plane departed followed by Terminal at which plane arrived.

Time of departure and arrival, whole hours, four figure group.

Position (nearest weather reporting station) altitude in hundreds of feet (last two ciphers omitted) followed by slant.

Cloudiness, extent or weather (teletype symbols).

Air Temperature, Fahrenheit (followed by slant if remarks are added):

General Remarks:

Base of cloud layer altimeter reading above sea level (Use letter "B" followed by altitude with last two ciphers omitted).

